

R E M A R K S

Claims 1-8, 20 and 21 currently remain in the application. Claims 9-19 are canceled, claims 1-8 are herein amended, and claims 20 and 21 are newly added claims.

Claims 1-19 were rejected under 35 U.S.C. 102 as being anticipated by Bell which incorporates Chow by reference. At least in part in view of the Examiner's reasons for the rejection, claims 9-19 are canceled, claims 1-8 are herein amended, and claims 20 and 21 are newly added.

Claims 1-8 are herein amended such that what is herein referred to as distorted test pattern is now clearly and more narrowed described as being formed by changing the width of each pulse of the test pattern to a specified distortion level. Bell and Chow both relate to the technology of DSL used in a modem for high-speed internet using telephone lines. This is a technology of using a plurality of frequency bands by multiple modulations. The present invention, by contrast, relates to the so-called baseband communication technology.

Although it is not so spelled out in so many words in the specification, it should be clear, say, from Figs. 4-6 that there are no modulations involved and that distortion of test pattern is effected by changing the width of each pulse of the waveform-shaped test pattern. Now that claims 1-8 make this difference clear, it is believed that these references cannot predicate the Examiner's rejection not only under 35 U.S.C. 102 on the ground of anticipation but even also under 35 U.S.C. 103 on the ground of obviousness.

Regarding claim 9, the Examiner stated in page 6 of the Official Letter that changing the duty ratio of pulse is equivalent to changing its bandwidth. The Examiner is requested to note that bandwidth is different with pulse width, although claims 9-19 are herein canceled and it is now a moot point.

Claims 17, 18 and 19 respectively related to the master, the slave and the repeater, but applicant has come to realize since the filing of the present application that these individual components are of little interest. New claims 20 and 21 addressed to a network system including all of these components are now being substituted. Since these two new claims also include the same limitation regarding the changing of the width of each pulse of a standard test pattern to a specified distortion level, it is believed that these new claims are also allowable at least in spite of the cited references.

Because of the cancellation of claims addressed to the individual components of a network system and introduction of new claims 20 and 21 address to a network system

including all these components, the title of the application has also been amended.

In summary, it is believed that the present Amendment is totally responsive to the Office Action and hence that the application is now in condition for allowance.

Respectfully submitted,


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